

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33	"punching blade".clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:43
L2	1114	"pressing device".clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:42
L3	1	1 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:42
S1	2	("7047859").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 08:55
S2	2	("5232505").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 08:56
S3	2	("4581188").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 08:57
S4	4	("3728062").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 08:42

## EAST Search History

S5	2	("3970023").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 08:58
S6	2	("4379686").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 09:02
S7	815	(425/810).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 09:03
S8	304	(425/174.2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 09:31
S9	248	(425/304).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 09:03
S11	1795	(425/174.2,304,301,810).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 09:32
S12	376	S11 and optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 09:32

## EAST Search History

S13	242	S11 and optical and record\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:19
S14	2	("6740181").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 10:20
S15	4	58-175630	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:50
S16	13	("20040061247"   "3338199"   "3728062"   "3970023"   "4379686"   "4581188"   "5232505"   "5612068"   "5863170"   "5913652"   "6312519"   "6843622").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:21
S19	13	("20040061247"   "3338199"   "3728062"   "3970023"   "4379686"   "4581188"   "5232505"   "5612068"   "5863170"   "5913652"   "6312519"   "6843622").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:24
S20	28	("20040061247"   "3338199"   "3728062"   "3970023"   "4379686"   "4581188"   "5232505"   "5612068"   "5863170"   "5913652"   "6312519"   "6843622").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:24
S21	13	("20040061247"   "3338199"   "3728062"   "3970023"   "4379686"   "4581188"   "5232505"   "5612068"   "5863170"   "5913652"   "6312519"   "6843622").PN. OR ("7096770").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:29
S22	14	("3338199").URPN.	USPAT	OR	ON	2007/01/18 10:34

## EAST Search History

S23	31	(US-20060214318-\$ or US-20060145373-\$ or US-20050212157-\$ or US-20050046058-\$ or US-20040191352-\$ or US-20040149111-\$ or US-20040109915-\$ or US-20040096540-\$ or US-20040032035-\$ or US-20030151151-\$ or US-20030151150-\$ or US-20030147987-\$ or US-20020050666-\$ or US-20020031078-\$ or US-20010026817-\$ or US-20040061247-\$).did. or (US-7047859-\$ or US-5232505-\$ or US-4581188-\$ or US-3728062-\$ or US-3970023-\$ or US-4379686-\$ or US-6740181-\$ or US-5612068-\$ or US-7128851-\$ or US-7097791-\$ or US-7096770-\$ or US-6843622-\$ or US-6312519-\$ or US-5913652-\$ or US-3688718-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/18 10:37
S24	5	S23 and ultrason\$3	US-PGPUB; USPAT	OR	ON	2007/01/18 10:37
S27	0	58-175630	JPO; DERWENT	OR	ON	2007/01/18 10:50
S28	2	"58175630"	JPO; DERWENT	OR	ON	2007/01/18 10:53
S29	7	"1245109"	EPO; JPO; DERWENT	OR	ON	2007/01/18 10:54
S30	19	("0941291"   "1372992"   "1442856"   "2853737"   "3662051"   "3671158"   "3989436"   "4334849").PN. OR ("4379686"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 11:32
S31	1	10/182,395	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 11:32

## EAST Search History

S32	49	(US-20060214318-\$ or US-20060145373-\$ or US-20050212157-\$ or US-20050046058-\$ or US-20040191352-\$ or US-20040149111-\$ or US-20040109915-\$ or US-20040096540-\$ or US-20040032035-\$ or US-20030151151-\$ or US-20030151150-\$ or US-20030147987-\$ or US-20020050666-\$ or US-20020031078-\$ or US-20010026817-\$ or US-20040061247-\$).did. or (US-7047859-\$ or US-5232505-\$ or US-4581188-\$ or US-3728062-\$ or US-3970023-\$ or US-4379686-\$ or US-6740181-\$ or US-5612068-\$ or US-7128851-\$ or US-7097791-\$ or US-7096770-\$ or US-6843622-\$ or US-6312519-\$ or US-5913652-\$ or US-3688718-\$ or US-6752611-\$ or US-6464485-\$ or US-6382955-\$ or US-6309204-\$ or US-6139307-\$ or US-6068906-\$ or US-5997276-\$ or US-5820898-\$ or US-5738886-\$ or US-5705105-\$ or US-5626885-\$). did. or (US-5552098-\$ or US-5242629-\$ or US-5180595-\$ or US-4961884-\$ or US-4315723-\$ or US-4313718-\$).did. or (JP-58175630-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/01/18 14:23
S33	7	S32 and ultrason\$3	US-PGPUB; USPAT; JPO	OR	ON	2007/01/18 14:27
S34	16	S32 and (press or punch) with hole	US-PGPUB; USPAT; JPO	OR	ON	2007/01/18 15:09
S35	19263	ultrason\$3 and optical and record\$3	US-PGPUB; USPAT; JPO	OR	ON	2007/01/18 16:19
S37	1220	S35 and (press\$3 or push\$3) with hole	US-PGPUB; USPAT; JPO	OR	ON	2007/01/18 15:16

## EAST Search History

S38	132091	("425").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 15:16
S39	10	S37 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 15:16
S40	108592	("83").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 16:20
S41	19263	ultrason\$3 and optical and record\$3	US-PGPUB; USPAT; JPO	OR	ON	2007/01/18 16:20
S42	20	S40 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:28
S43	589	(83/682,621,51).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 16:28
S44	5	S43 and ultrason\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:42

## EAST Search History

S45	5	S43 and ultra\$1son\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 16:43
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